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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1488.131000A/EKS/EJH
First Inventor	Jian NI
Title	Death Domain Containing Receptor 5
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 74]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawings (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages 2]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
 Other: Letter to PTO Draftsman: Submission of Formal Drawings: 12 sheets of formal drawings (Figures 1A, 1B, 2A, 2B, 2C, 3, 4, 5A-5C, 5D (photograph), 5E, 6A (photograph), and 6B-6C)
 Other: Request to Open New Disk File
 Other: The name of the assignee is: Human Genome Sciences, Inc.

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-Part (CIP) of prior Application No: 09/042,583
Prior application information: Examiner Kaufman, C. Group/Art Unit: 1646

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

Customer No. 28730

(Insert Customer No. or attach bar code label here)

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.		
	Attorneys at Law PATENT TRADEMARK OFFICE		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Elizabeth J. Haanes, Ph.D.	Registration No. (Attorney)	42,613
SIGNATURE			
Date	Dec. 7, 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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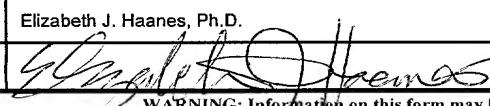
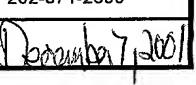
FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$4,082.00)	Attorney Docket No.	1488.131000A/EKS/EJH
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Complete if Known

Application Number	To be assigned (Divisional of Appl. No. 09/042,583; Filed: March 17, 1998)
Filing Date	Herewith
First Named Inventor	Jian NI
Examiner Name	To be assigned
Group Art Unit	To be assigned

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)							
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		3. ADDITIONAL FEES Large Entity Small Entity							
Deposit Account Number	19-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee paid	
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P L L C.	105	130	205	65	Surcharge - late filing fee or oath			
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		127	50	227	25	Surcharge - late provisional filing fee or cover sheet			
<input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		139	130	139	130	Non-English specification			
<input checked="" type="checkbox"/> Payment Enclosed:		147	2,520	147	2,520	For filing a request for ex parte reexamination			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*		112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No 19-0036		113	1,840	113	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION		115	110	215	55	Extension for reply within first month			
1. BASIC FILING FEE		116	400	216	200	Extension for reply within second month			
Large Entity	Fee (\$)	Small Entity	Fee (\$)	Fee Description		Fee Paid			
101	740	201	370	Utility filing fee		740.00			
102	330	206	165	Design filing fee					
107	510	207	255	Plant filing fee					
108	740	208	370	Reissue filing fee					
114	160	214	80	Provisional filing fee					
SUBTOTAL (1) (\$ 740.00)									
2. EXTRA CLAIM FEES		Extra	Fee from below	Fee Paid					
Total Claims 145 - 20** = 125 X 18.00 = 2,250.00									
Indep. Claims 16 - 3** = 13 X 84.00 = 1,092.00									
Multiple Dependent 0 = 0.00									
Large Entity	Fee (\$)	Small Entity	Fee (\$)	Fee Description					
103	18	203	9	Claims in excess of 20					
102	84	202	42	Independent claims in excess of 3					
104	280	204	140	Multiple dependent claim					
108	84	209	42	**Reissue independent claims over original patent					
110	18	210	9	**Reissue claims in excess of 20 and over original patent					
SUBTOTAL (2) (\$ 3,342									
** or number previously paid, if greater. For Reissues, see above						SUBTOTAL (3) (\$			
SUBMITTED BY						Complete (if applicable)			
Name (Print/Type)	Elizabeth J. Haanes, Ph.D.		Registration No. (Attorney/Agent)	42,613	Telephone	202-371-2600			
Signature					Date				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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J1131 U.S. PTO

12/07/01

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*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

December 7, 2001

Commissioner for Patents
Washington, D.C. 20231

Box: Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. *To be assigned*; Filed: *Herewith*
(Divisional of Appl. No. 09/042,583; Filed: March 17, 1998)
For: **Death Domain Containing Receptor 5**
Assignee: Human Genome Sciences, Inc.
Inventors: NI *et al.*
Our Ref: 1488.131000A/EKS/EJH

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Fee Transmittal Form (PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal Form (PTO/SB/05) (*in duplicate*);
3. U.S. Utility Patent Application entitled:

Death Domain Containing Receptor 5

and naming as inventors:

Jian NI
Reiner L. GENTZ
Guo-Liang YU
Craig A. ROSEN

J1131 U.S. PTO
10/005842

12/07/01

Commissioner for Patents
December 7, 2001
Page 2

the application consisting of:

- a. A specification containing:
 - i. 67 pages of description prior to the claims (including a Sequence Listing on pages 55-67);
 - ii. 6 pages of claims (1-34 claims);
 - iii. a one (1) page abstract;
- b. 7 sheets of drawings (Figures 1-6);
- c. A copy of the executed Declaration, as originally filed in U.S. Appl. No. 09/042,583;
- d. Application Data Sheet;

- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
- 5. A Preliminary Amendment;
- 6. Request to Open New Disk File;
- 7. Letter to PTO Draftsman: Submission of Formal Drawings;
- 8. 12 sheets of formal drawings (Figures 1A, 1B, 2A, 2B, 2C, 3, 4, 5A-5C, 5D (photograph), 5E, 6A (photograph), and 6B-6C, approval of which is respectfully requested);
- 9. Two (2) return postcards; and
- 10. Our check no. 33466 for \$4,082.00 to cover:
 - \$ 740.00 Filing fee for patent application;
 - \$3,342.00 Fee for excess claims.

The name of the assignee is Human Genome Sciences, Inc.

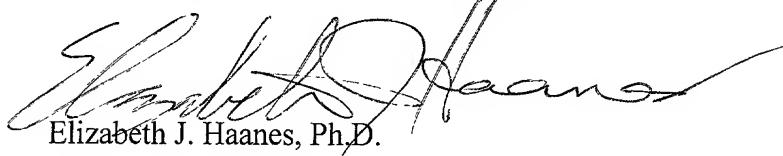
Correspondence should be sent to Customer Number 28730.

Commissioner for Patents
December 7, 2001
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Elizabeth J. Haanes, Ph.D.
Attorney for Applicants
Registration No. 42,613

EJH/PSC/lam
Enclosures

P:\USERS\PChoi\1488\131000A\pto\divisional\ptotrn

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NI *et al.*

Appl. No. *To be assigned* (Divisional of Appl. No. 09/042,583; Filed: March 17, 1998)

Filed: *Herewith*

For: **Death Domain Containing Receptor 5**

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 1488.131000A/EKS/EJH

Request to Open New Disk File

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants request that a new disk file be opened for the above-cited application.

The Sequence Listing disk submitted on March 27, 1998 in the parent, Application No. 09/042,583, filed March 27, 1998 contains the identical sequence information as that in the present application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Elizabeth J. Haanes, Ph.D.
Attorney for Applicants
Registration No. 42,613

Date: December 7, 2001

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NI *et al.*

Appl. No. *To be assigned* (Divisional of Appl. No. 09/042,583; Filed: March 17, 1998)

Filed: *Herewith*

For: **Death Domain Containing Receptor 5**

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 1488.131000A/EKS/EJH

Letter to PTO Draftsman: Submission of Formal Drawings

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are 12 sheets of formal drawings with Figures 1A, 1B, 2A, 2B, 2C, 3, 4, 5A-5C, 5D (photograph), 5E, 6A (photograph), and 6B-6C, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

In Reply to the Office's notice requiring a petition under 37 C.F.R. § 1.84(b)(1) and/or a petition fee for Acceptance of Black and White Photographs, Applicants request that the requirement be withdrawn. 1213 OG 108.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this Letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Elizabeth J. Haanes, Ph.D.
Attorney for Applicants
Registration No. 42,613

Date: December 7, 2001
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